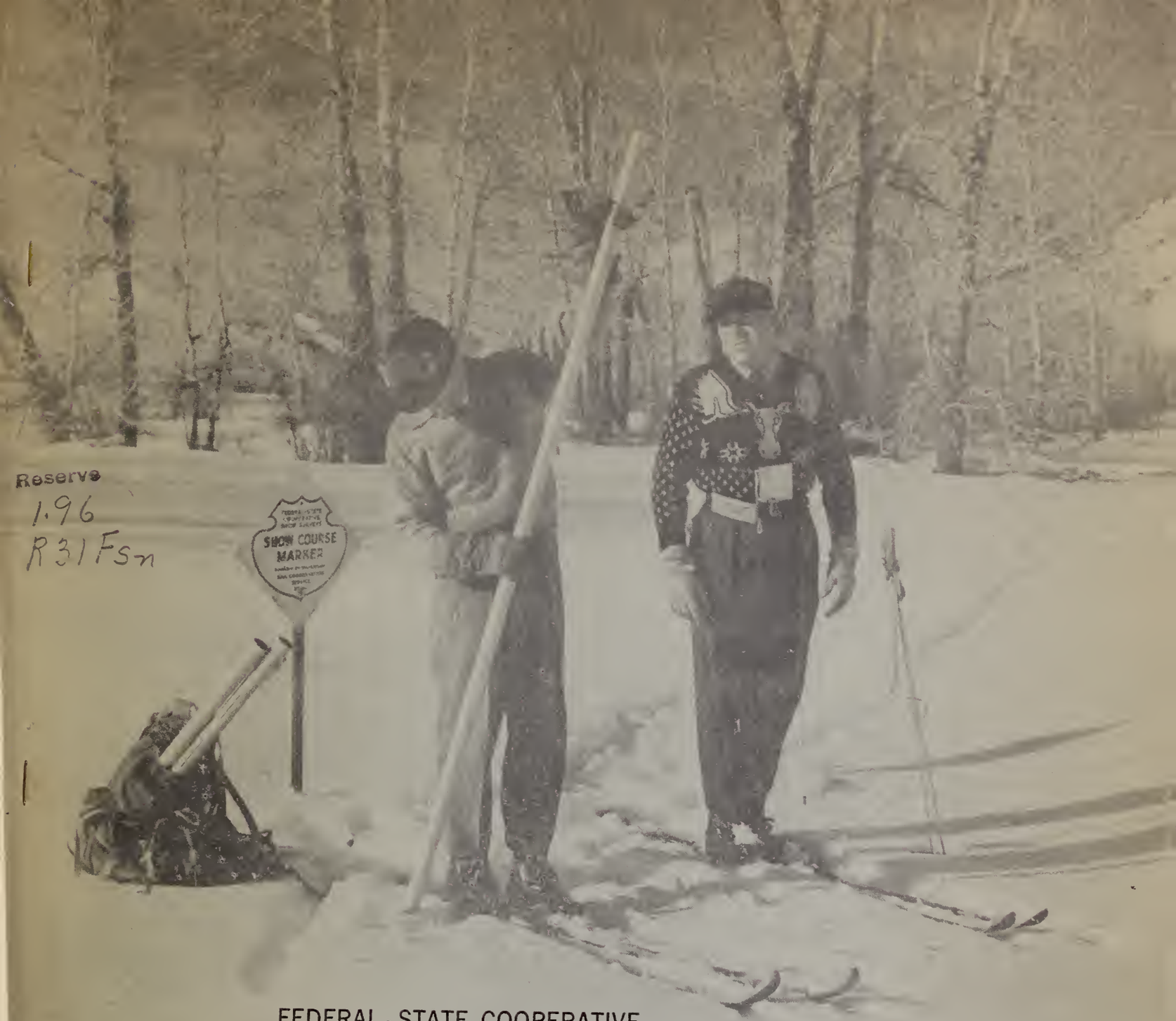
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FEDERAL - STATE COOPERATIVE

SNOW SURVEYS AND IRRIGATION WATER FORECASTS

for

Nevada

By

Division of Irrigation, Soil Conservation Service
United States Department of Agriculture
Nevada Agricultural Experiment Station
and
Nevada State Engineer

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As of

MAR. 1, 1951

Data included in this report were obtained by the agencies named above in cooperation with other Federal, State and local organizations listed on the last page of this report.

FEDERAL-STATE COOPERATIVE
SNOW SURVEYS AND IRRIGATION WATER FORECASTS

FOR

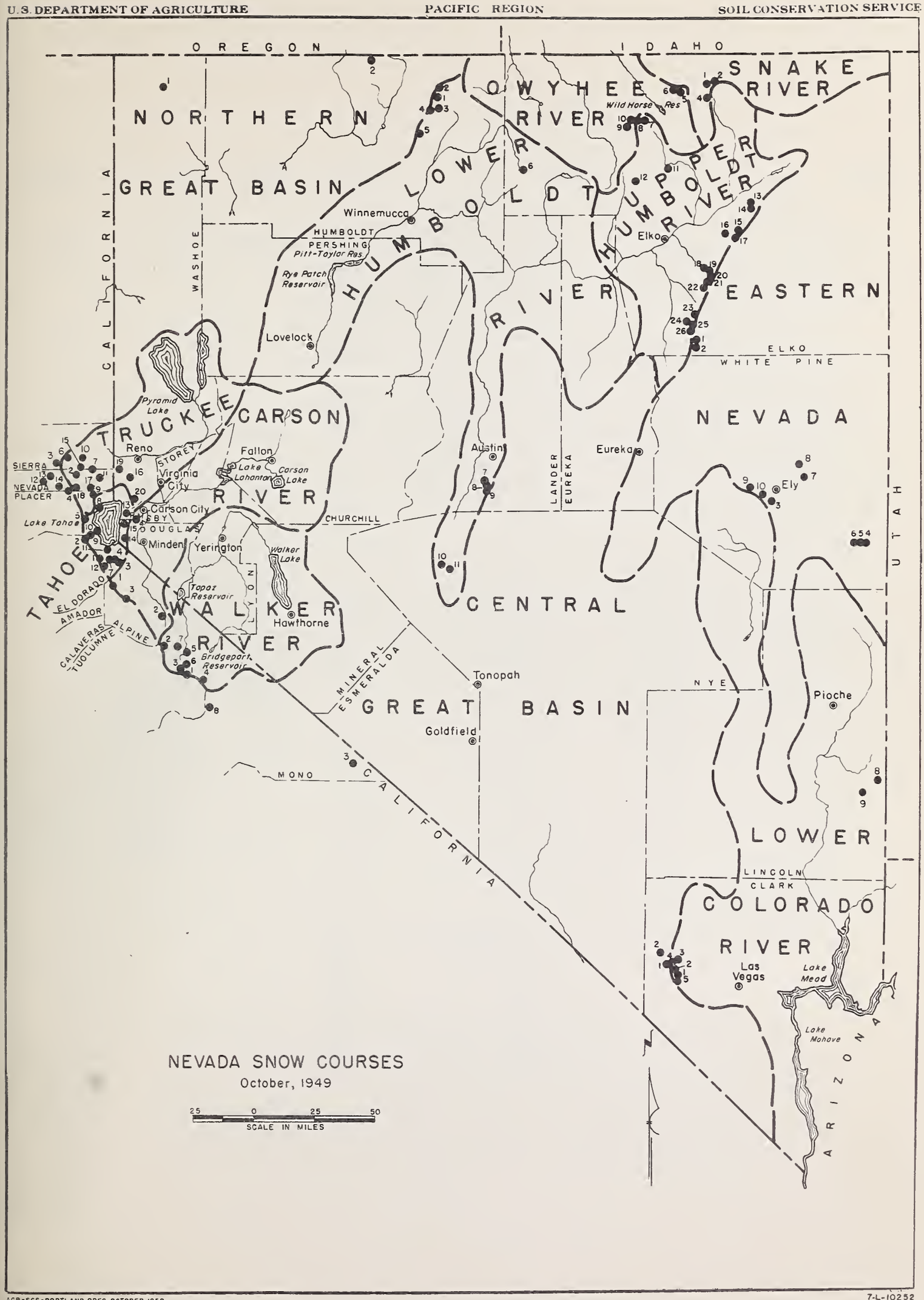
NEVADA

Report Prepared

by

Clyde E. Houston, Irrigation Engineer

Division of Irrigation
Soil Conservation Service
Nevada Agricultural Experiment Station
Reno, Nevada



NEVADA SNOW COURSES

October, 1949

SCALE IN MILES 25 0 25 50

INDEX TO SNOW COURSES

NUMBERS	NAME	ELEVATION
	SNAKE RIVER	
1.	Bear Creek	7,800
2.	Fox Creek	6,800
4.	76 Creek	7,100
5.	Gold Creek	6,600
6.	Big Bend	6,700
	OWYHEE RIVER	
1.	Lower Buckskin	6,700
2.	Upper Buckskin	7,200
3.	Martin Creek	6,700
4.	Granite Peak	7,800
5.	Gold Creek	6,600
6.	Big Bend	6,700
7.	Fry Canyon	6,700
8.	Rodeo Flat	6,800
9.	Lower Jack Creek	6,800
10.	Upper Jack Creek	7,250
11.	Tremewan Ranch	5,700
12.	Taylor Canyon	6,200
	UPPER HUMBOLDT RIVER	
1.	Bear Creek	7,800
2.	Fox Creek	6,800
4.	76 Creek	7,100
5.	Gold Creek	6,600
6.	Big Bend	6,700
7.	Fry Canyon	6,700
8.	Rodeo Flat	6,800
9.	Lower Jack Creek	6,800
10.	Upper Jack Creek	7,250
11.	Tremewan Ranch	5,700
12.	Taylor Canyon	6,200
13.	Lower Trout Creek	6,900
14.	Upper Trout Creek	8,500
15.	Dorsey Basin	8,100
16.	Ryan Ranch	5,800
17.	Dry Creek	6,500
18.	Lamoille #1	7,100
19.	Lamoille #2	7,300
20.	Lamoille #3	7,700
21.	Lamoille #4	8,000
22.	Lamoille #6	8,700
23.	Green Mountain	8,000
24.	Harrison Pass #1	6,600
25.	Harrison Pass #2	7,400
26.	Corral Canyon	8,500

NUMBERS	NAME	ELEVATION
	TRUCKEE BASIN	
2.(Cal.)	Independence Lake	8,450
3.(Cal.)	Webber Peak	8,000
4.(Cal.)	Donner Summit	6,900
5.(Cal.)	Ward Creek	7,000
6.(Cal.)	Webber Lake	7,000
7.(Cal.)	Sage Hen Creek	6,500
8.(Cal.)	Tahoe City	6,250
9.(Cal.)	Truckee #2	6,400
10.(Cal.)	Independence Creek	6,300
11.(Cal.)	Boca #2	5,900
12.(Cal.)	Furnace Flat	6,600
13.(Cal.)	Fordyce Lake	6,500
14.(Cal.)	Soda Springs	6,750
15.(Cal.)	Independence Camp	7,000
16.	Mt. Rose	9,000
17.(Cal.)	Truckee Ranger Station	6,000
18.(Cal.)	Donner Lake	5,950
19.	Big Meadows	8,800
20.	Little Valley	6,300
	LOWER COLORADO RIVER	
1.	Rainbow Canyon	7,800
2.	Kyle Canyon	8,200
3.	Lee Canyon #1	8,300
4.	Lee Canyon #2	9,000
5.	Rainbow Canyon #2	8,100
8.	Mathew Canyon	6,000
9.	Pine Canyon	6,200
	EASTERN NEVADA	
1.	Cave Creek	7,000
2.	Hager Canyon	8,500
3.	Murray Summit	7,250
4.	Baker #1	7,950
5.	Baker #2	8,950
6.	Baker #3	9,250
7.	Berry Creek	9,100
8.	Bird Creek	7,500
9.	Robinson Summit	7,600
10.	Kimberly	7,600
1.	Lower Buckskin	6,700
2.	Upper Buckskin	7,200
3.	Martin Creek	6,700
4.	Granite Peak	7,800
5.	Lamance Creek	6,600
6.	Midas	7,200
7.	Big Creek Camp Ground	6,000
8.	Big Creek Mine	7,000
9.	Upper Big Creek	8,000
10.	Lower Corral	7,500
11.	Upper Corral	8,500

NUMBERS	NAME	ELEVATION
	CARSON BASIN	
1.(Cal.)	Carson Pass	8,600
2.(Cal.)	Poison Flat	7,900
3.(Cal.)	Blue Lakes	8,000
4.	Clear Creek	7,300
	NORTHERN GREAT BASIN	
1.	Bald Mountain	6,720
2.	Disaster Peak	6,500
	WALKER BASIN	
1.(Cal.)	Center Mountain	9,400
2.(Cal.)	Sonora Pass	8,800
3.(Cal.)	Buckeye Forks	8,500
4.(Cal.)	Virginia Lakes	9,500
5.(Cal.)	Willow Flat	8,250
6.(Cal.)	Buckeye Roughs	7,900
7.(Cal.)	Leavitt Meadows	7,200
8.(Cal.)	Tioga Pass	9,900
	TAHOE BASIN	
1.(Cal.)	Lake Lucille	8,400
2.(Cal.)	Rubicon #1	8,100
3.(Cal.)	Hagans Meadow	8,000
4.(Cal.)	Freel Bench	7,300
5.(Cal.)	Ward Creek	7,000
7.(Cal.)	Upper Truckee	6,400
8.(Cal.)	Tahoe City	6,250
9.(Cal.)	Rubicon #2	7,500
10.(Cal.)	Rubicon #3	6,700
11.(Cal.)	Richardsons #2	6,500
12.(Cal.)	Echo Summit	7,500
13.	Marlette Lake	8,000
14.	Daggetts Pass	7,350
15.	Glenbrook #2	6,900
16.	Mt. Rose	9,000
	CENTRAL GREAT BASIN	
1.	Clark Canyon	9,000
2.	Trough Springs	8,500
3.(Cal.)	McAfee Forks	7,500

March 1, 1951
NEVADA
PRELIMINARY WATER SUPPLY OUTLOOK

* *
* March 1, 1951, snow surveys show that only *
* the section of the State north of Humboldt *
* River contains a normal or better snow pack.*
* Conditions change from fair to poor in mov- *
* ing southward. In the Eastcentral Sierra *
* snow water ranges from about 50 percent of *
* average at low elevations to 75 percent at *
* high elevations. Reservoir storage in this *
* area is excellent. As of this date runoff *
* prospects range from poor in the South to *
* fair in the Eastcentral Sierra and good *
* along the Humboldt. *
* *

Snake River in Nevada

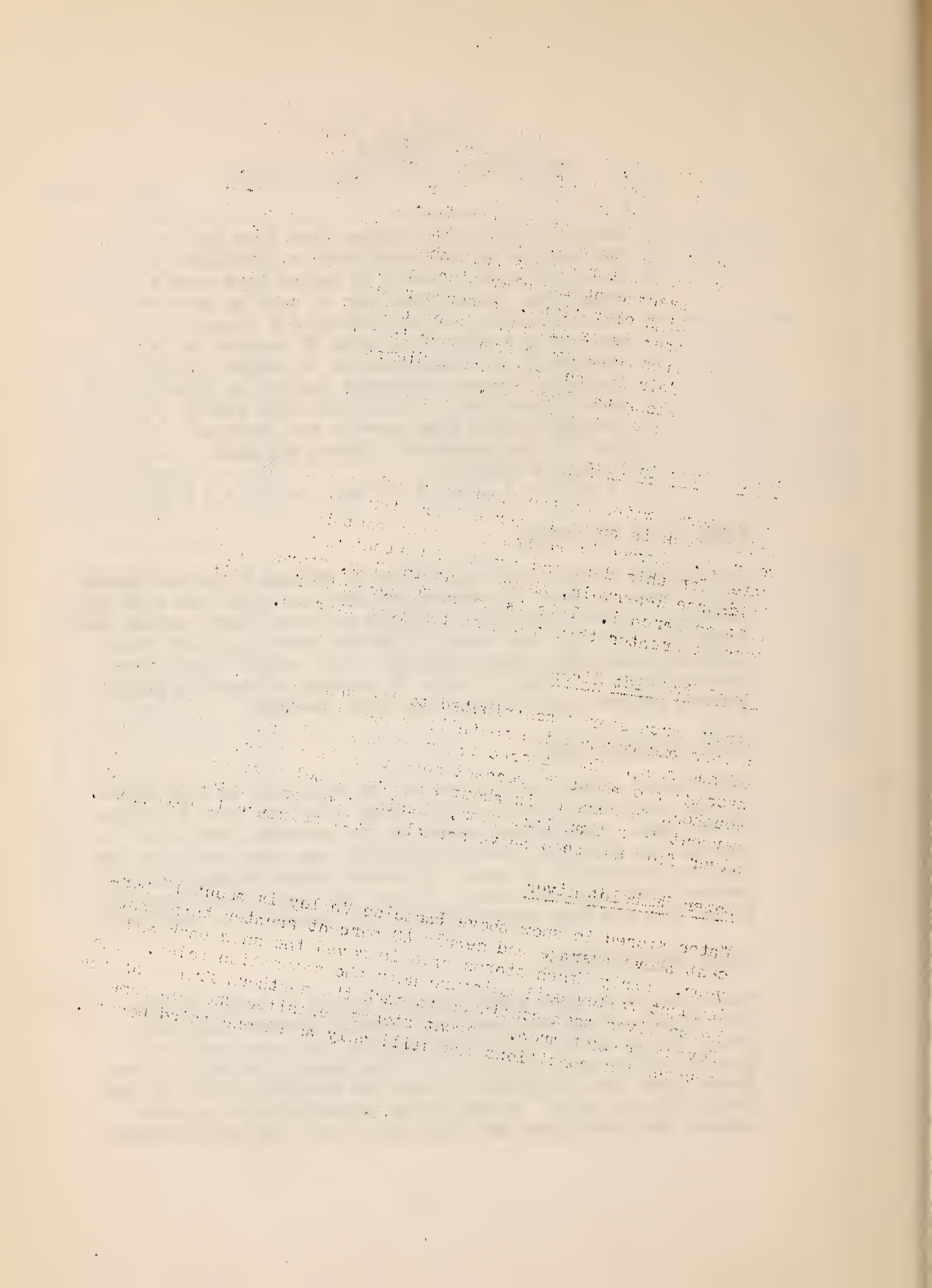
Snow stored water on the headwaters of Bruneau River and Salmon Falls Creek is about 10 percent greater than both last year and average. Owyhee Watershed in Nevada contains about average snow water for this date and about 40 percent more than last year. Wildhorse Reservoir, above Mountain City, stored 18,000 acre feet on March 1. This is about 50 percent of capacity and 60 percent greater than the past ten year average.

Upper Humboldt River

Early March storms contributed to the snow pack at high elevations and covered the foothill areas with from 6 to 12 inches of new snow. Snow stored water on the northern feeders is average and about 20 percent more than last year, while on the southern feeders it is about 20 percent below average and 10 percent less than last year. During the past winter Humboldt River flow has been above normal. Soil moisture is excellent.

Lower Humboldt River

Water stored in snow above Paradise Valley is about 15 percent above average and nearly 40 percent greater than last year. Early March storms have improved the snow pack and brought valley soil moisture near the saturation point. The Reese River area continues to mark the northern fringe of the Nevada drought area. Recent storms deposited snow on some courses but conditions are still only about one third normal.



Rye Patch Reservoir has benefitted by the wet winter. Storage on March 1 was nearly twice that of last year but still only about 50 percent of average for this date.

Eastern Nevada

This section of the State is dry. Snow water above Ruby Valley is about 90 percent of average while above Steptoe and Spring Valleys it is only about 60 percent. Snow courses above the City of Ely are practically bare. This year there is less snow on the Baker Creek courses than has been recorded since surveys began in 1942.

Lower Colorado River in Nevada

Had it not been for storms the first of this month many courses in this area would have been bare. As it is, snow stored water in the Spring Mountains north of Las Vegas is only 15 percent of the past 10 year average. This is the least amount of snow measured since surveys began in 1941. There are from 6 to 12 inches of snow on the watershed above Meadow Valley Wash all of which fell during the early March storms. Lake Mead stored 17,255,000 acre feet or almost 90 percent of the past 10 year average. Lake Mohave, with a capacity of 1,810,000 acre feet, stored 1,494,000 on March 1.

Eastcentral Sierra Nevada

Snow stored water above Lake Tahoe, Truckee and Carson Rivers is below average. High elevation snow water on the west side of the Lake is about 75 percent of average while low snow is only 50 percent. On the east side both high and low snow is about 50 percent of average. Elevation of Lake Tahoe on March 1 was 6227.9 representing about 607,000 acre feet of usable water. High elevation snow water on Truckee River Watershed is nearly 80 percent of average but low snow water is only 55 percent. Snow stored water on Carson River Watershed is about 70 percent of average. Lahontan Reservoir contained 257,000 acre feet on March 1, which is almost 15 percent above average and nearly 90 percent of capacity. Topaz and Bridgeport Reservoirs on Walker River are both full.

STATUS OF RESERVOIR STORAGE, MARCH 1, 1951

BASIN AND STREAM	RESERVOIR	USABLE CAPACITY (Thous. A.F.)	THOUS. ACRE FEET USABLE STORAGE ABOUT MARCH 1				
			1951	1950	1949	1948	10-yr. avg. 1940 - 1949
Owyhee	Wildhorse	33	18	14	5	5	11
Lower Humboldt	Rye Patch	178	78	43	56	114	145[a]
Tahoe	Tahoe	750	607	182	177	264	450
Carson	Lahontan	286	251	164	175	179	222
West Walker	Topaz	59	59	19	19	24	39
East Walker	Bridgeport	42	42	17	13	21	33
Colorado	Mohave	1,810	1,494	220		New Reservoir	
Colorado	Mead	27,217	17,255	18,268	18,197	19,148	19,440

a - Average for years 1943-1949

NEVADA SNOW SURVEYS MARCH 1, 1951

DRAINAGE BASIN and SNOW COURSE	LOCATION Number	Sec.	Twp.	Rge.	Elev.	Date of Survey	Snow Depth (inches)	SNOW COVER MEASUREMENTS Water Content(inches) 1951	Same Approx. Date 1950	Same Approx. Date 1949	Past Record Years of Record	Past Record Av. Water Content (inches)
SNAKE RIVER												
Bear Creek	1	31	46N	58E	7800	2/28	56.2	18.0	17.8	23.0	19	16.0
Fox Creek	2	33	46N	58E	6800	2/27	27.8	8.6	8.1	13.5	19	8.6
76 Creek	4	6	44N	58E	7100	3/3	52.8	16.5	11.3	16.7	5	11.4
Gold Creek	5	31	45N	56E	6600	2/27	23.6	7.2	5.4	10.5	19	6.6
Big Bend	6	30	45N	56E	6700	2/27	37.6	11.1	8.4	14.3	22	9.0
OWYHEE RIVER												
Lower Buckskin	1	25	45N	39E	6700	2/26	38.7	12.0	7.8	13.0	17	8.1
Upper Buckskin	2	11	45N	39E	7200	2/26	29.1	8.0	6.0	8.7	17	10.0
Martin Creek	3	18	44N	40E	6700	2/25	34.3	9.1	7.3	7.5	19	7.8
Granite Peak	4	22	44N	39E	7800	2/27	48.5	13.9	9.3	7.6	19	9.4
Gold Creek	5	31	45N	56E	6600	2/27	23.6	7.2	5.4	10.5	19	6.6
Big Bend	6	30	45N	56E	6700	2/27	37.6	11.1	8.4	14.3	22	9.0
Fry Canyon	7	31	43N	54E	6700	2/28	27.8	7.8	7.0	15.2	17	9.2
Rodeo Flat	8	36	43N	53E	6800	2/28	26.6	8.8	7.1	17.2	17	9.9
Lower Jack Creek	9	18	42N	53E	6800	3/1	7.5	1.0	0	4.9	23	4.7
Upper Jack Creek	10	9	42N	53E	7250	3/1	35.4	9.9	6.8	13.1	15	9.8
Tremewan Ranch	11	9	39N	55E	5700	2/28	4.0	0.7	0	6.0	19	2.7
Taylor Canyon	12	35	39N	53E	6200	2/28	10.5	2.4	2.3	8.8	16	5.8

NEVADA SNOW SURVEYS MARCH 1, 1951

DRAINAGE BASIN and SNOW COURSE	LOCATION Number	Sec.	Twp.	Rge.	Elev.	Date of Survey	Snow Depth (inches)	SNOW COVER MEASUREMENTS Water Content(inches) Same Approx. Date 1951	1950	1949	Past Record Years of Record	Av. Water Content (inches)
UPPER HUMBOLDT												
Bear Creek	1	31	46N	58E	7800	2/28	56.2	18.0	17.8	23.0	19	16.0
Fox Creek	2	33	46N	58E	6800	2/27	27.8	8.6	8.1	13.5	19	8.6
76 Creek	4	6	44N	58E	7100	3/3	52.8	16.5	11.3	16.7	5	11.4
Gold Creek	5	31	45N	56E	6600	2/27	23.6	7.2	5.4	10.5	19	6.6
Big Bend	6	30	45N	56E	6700	2/27	37.6	11.1	8.4	14.3	22	9.0
Fry Canyon	7	31	43N	54E	6700	2/28	27.8	7.8	7.0	15.2	17	9.2
Rodeo Flat	8	36	43N	53E	6800	2/28	26.6	8.8	7.1	17.2	17	9.9
Lower Jack Creek	9	18	42N	53E	6800	3/1	7.5	1.0	0	4.9	23	4.7
Upper Jack Creek	10	9	42N	53E	7250	3/1	35.4	9.9	6.8	13.1	15	9.8
Tremewan Ranch	11	9	39N	55E	5700	2/28	4.0	0.7	0	6.0	19	2.7
Taylor Canyon	12	35	39N	53E	6200	2/28	10.5	2.4	2.3	8.8	16	5.8
Lower Trout Creek	13	28	37N	61E	6900	3/1	7.9	0.9	1.9	5.9	14	5.6
Upper Trout Creek	14	4	36N	61E	8500	3/1	77.7	25.9	20.5	23.2	15	19.9
Dorsey Basin	15	28	35N	60E	8100	2/26	41.5	14.4	7.4	12.9	19	10.7
Ryan Ranch	16	1	34N	59E	5800	2/27		Trace	0	4.9	19	2.3
Dry Creek	17	5	34N	60E	6500	2/27	3.7	1.1	2.7	9.4	17	5.6
Lamoille #1	18	15	32N	58E	7100	3/1	19.8	5.3	9.5	13.2	25	9.6
Lamoille #2	19	14	32N	58E	7200	2/28	22.7	7.0	9.7	12.7	24	9.5
Lamoille #3	20	24	32N	58E	7700	2/28	38.0	12.0	11.6	17.2	16	12.4
Lamoille #4	21	19	32N	59E	8000	2/28	53.8	17.4	17.7	22.3	10	17.3
Lamoille #5	22	31	32N	59E	8700		No Survey		29.4	27.0	16	23.7
Green Mountain	23	23	29N	57E	8000	3/5	25.3	5.5	12.1	No Survey	15	12.8
Harrison Pass #1	24	9	28N	57E	6600	3/1	6.4	0.6	0	7.4	22	5.2
Harrison Pass #2	25	16	28N	57E	7400	3/1	8.7	0.9	2.6	No Survey	20	5.6
Corral Canyon	26	27	28N	57E	8500	3/4	55.8	14.0	17.0	No Survey	15	14.5

NEVADA SNOW SURVEYS MARCH 1, 1951

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LOWER HUMBOLDT												
Lower Buckskin	1	25	45N	39E	6700	2/26	39.6	11.3	7.8	13.0	17	8.1
Upper Buckskin	2	11	45N	39E	7200	2/26	29.1	8.0	6.0	8.7	17	10.0
Martin Creek	3	18	44N	40E	6700	2/25	34.3	9.2	7.3	7.5	19	7.8
Granite Peak	4	22	44N	39E	7800	2/27	48.5	13.9	9.3	7.6	19	9.4
Lamance Creek	5	13	42N	38E	6000	2/28	34.0	10.2	7.4	12.1	18	10.2
Midas	6	18	39N	46E	7200	3/1	19.8	5.7	2.5	9.2	11	5.1
Big Creek Camp Ground	7	10	17N	43E	6600	3/1	2.6	0.9	0	5.3	9	2.0
Big Creek Mine	8	23	17N	43E	7600	3/1	7.3	1.5	0.9	7.9	9	3.5
Upper Big Creek	9	26	17N	43E	8000	3/1	11.8	2.9	3.0	No Survey	8	6.8
Lower Corral	10	12	11N	40E	7500	2/28	Trace	0	0	No Survey	8	2.0
Upper Corral	11	20	11N	41E	8500	2/28	4.7	1.0	0	No Survey	8	5.6
EASTERN NEVADA												
Cave Creek	1	25	27N	57E	7500	2/27	30.2	8.7	13.3	22.5	9	15.5
Hager Canyon	2	34	27N	57E	8000	2/27	54.2	19.7	17.5	23.5	10	17.2
Murray Summit	3	25	16N	62E	7250	3/1		Trace	0	6.5	14	3.8
Baker #1	4	29	13N	69E	7950	3/1	12.3	1.5	3.1	9.7	9	6.2
Baker #2	5	30	13N	69E	8950	3/1	38.1	9.3	12.4	15.8	9	16.1
Baker #3	6	25	13N	68E	9250	3/1	42.3	11.2	12.0	15.6	6	14.2
Berry Creek	7	26	17N	65E	9100	3/1	38.9	10.7	13.2	14.8	3	12.1
Bird Creek	8	34	19N	65E	7500	3/1		Trace	4.4	7.4	3	5.1
Robinson Summit	9	34	18N	61E	7600	3/1		Trace	0	7.4	2	3.7
Kimberly	10	18	16N	62E	7600	3/1	6.3	0.8	3.2	6.6	2	4.9

NEVADA SNOW SURVEYS MARCH 1, 1951

DRAINAGE BASIN and SNOW COURSE	LOCATION Number	Sec.	Twp.	Rge.	Elev.	Date of Survey	Snow Depth (inches)	SNOW COVER MEASUREMENTS Water Content(inches) 1951	Same Approx. Date 1950	Same Approx. Date 1949	Past Record Years of Record	Past Record Av. Water Content (Inches)
LOWER COLORADO												
Rainbow Canyon	1	31	19S	57E	7800	2/24	8.2	1.5	9.2	14.5	10	12.1
Kyle Canyon	2	26	19S	56E	8200	2/24	6.9	1.6	7.4	14.4	10	11.1
Lee Canyon #1	3	10	19S	56E	8300	2/26	5.2	0.9	5.7	15.3	10	10.2
Lee Canyon #2	4	9	19S	56E	9000	2/27	19.4	3.1	5.8	16.4	10	11.4
Rainbow Canyon #2	5	6	20S	57E	8100	2/24	13.6	2.9	12.8	16.6	4	14.6
Mathew Canyon	8	11	5S	70E	6000	3/1	9.1	1.9	1.1	6.2	2	3.7
Pine Canyon	9	11	6S	69E	6200	2/28	4.3	1.0	2.0	8.0	2	5.0
CENTRAL GREAT BASIN												
Clark Canyon	1	8	19S	56E	9000	2/27	16.8	2.8	4.9	13.5	5	8.0
Trough Springs	2	23	18S	55E	8500	2/28	13.3	2.9	3.1	11.5	5	6.1
McAfee Forks (Cal.)	3	1	4S	34E	7500	No Report			0	No Survey	2	2.1
NORTHERN GREAT BASIN												
Bald Mountain	1	17	45N	21E	6720	3/1	15.5	4.0	1.1	5.0	11	3.6
Disaster Peak	2	8	47N	34E	6500	3/8	51.5	16.7	6.3	12.7	2	9.5
TAHOE												
Lake Lucille (Cal.)	1	28	12N	17E	8400	3/4	141.6	52.0	No Surveys			
Ward Creek (Cal.)	5	21	15N	16E	7000	3/2	87.0	28.6	44.8	37.8	10	41.5
Upper Truckee (Cal.)	7	21	12N	18E	6400	3/3	17.1	6.0	13.4	13.3	12	10.0
Tahoe City (Cal.)	8	6	15N	17E	6250	3/1	19.7	5.9	15.1	18.1	19	13.4

NEVADA SNOW SURVEYS MARCH 1, 1951

DRAINAGE BASIN and SNOW COURSE	LOCATION Number	Sec.	Twp.	Rge.	Elev.	Date of Survey	Snow Depth (inches)	SNOW COVER MEASUREMENTS Water Content(inches) 1951	Same Approx. Date 1950	Same Approx. Date 1949	Past Record Years of Record	Past Record Av. Water Content (inches)
TAHOE (Con't.)												
Echo Summit (Cal.)	12	6	11N	18E	7500	2/28	76.2	24.9	36.8	27.8	9	30.9
Marlette Lake	13	13	15N	18E	8000	3/1	49.9	12.1	19.0	15.1	19	21.4
Daggetts Pass	14	19	13N	19E	7300	3/3	25.8	7.6	15.5	14.7	14	12.7
TRUCKEE												
Independence Lake (Cal.)	2	9	18N	15E	8450	3/3	97.8	34.5	No Survey	26.4	11	32.1
Donner Summit (Cal.)	4	25	17N	14E	6900	2/28	68.1	23.7	39.9	31.1	27	33.5
Ward Creek (Cal.)	5	21	15N	16E	7000	3/2	87.0	28.6	44.8	37.8	10	41.5
Sage Hen Creek (Cal.)	7	7	18N	16E	6500	3/4	31.4	9.3	21.0	15.6	14	16.5
Tahoe City (Cal.)	8	6	15N	17E	6250	3/1	19.7	5.9	15.1	18.1	19	13.4
Independence Creek (Cal.)	10	14	19N	15E	6300	3/2	23.4	5.6	17.1	12.5	11	12.6
Boca #2 (Cal.)	11	28	18N	17E	5900	3/3	13.6	3.3	8.2	No Survey	13	8.0
Soda Springs (Cal.)	14	23	17N	14E	6750	2/28	59.4	20.3	38.3	26.3	21	30.0
Independence Camp (Cal.)	15	34	19N	15E	7000	3/2	46.8	13.9	25.4	18.3	9	18.9
Truckee Ranger Sta. (Cal.)	17	10	17N	16E	6000	3/3	24.9	7.0	13.6	15.2	6	10.2
CARSON												
Carson Pass (Cal.)	1	22	10N	18E	8600	2/28	66.0	22.4	37.4	24.8	21	30.9
Clear Creek	4	6	14N	19E	7300	3/1	24.6	6.7	14.4	16.6	2	15.5

The following table gives results of February 1 snow surveys which have not been published.

NEVADA SNOW SURVEYS FEBRUARY 1, 1951

DRAINAGE BASIN and SNOW COURSE	LOCATION Number	Sec.	Twp.	Rge.	Elev.	Date of Survey	Snow Depth (inches)	SNOW COVER MEASUREMENTS Water Content(inches) 1951	Same Approx. Date 1950	Same Approx. Date 1949	Past Record Years of Record	Past Record Av. Water Content (inches)
UPPER HUMBOLDT												
Gold Creek	5	31	45N	56E	6600	1/31	20.4	5.3	4.5	5.8	2	5.2
Big Bend	6	30	45N	56E	6700	1/31	31.4	8.5	7.5	8.4	2	8.0
Fry Canyon	7	31	43N	54E	6700	2/1	20.9	6.1	6.1	No	Surveys	
Rodeo Flat	8	36	43N	53E	6800	2/1	19.8	6.2	7.1	No	Surveys	
EASTERN NEVADA												
Murray Summit	3	25	16N	62E	7250	2/1	0	0	No Surveys		10	2.9
Robinson Summit	9	34	18N	61E	7600	2/1	0	0	No Surveys			
Kimberly	10	18	16N	62E	7600	2/1	0	0	No Surveys			
LOWER COLORADO												
Mathew Canyon	8	11	5S	70E	6000	1/30	0	0	2.9	6.2	2	4.6
Pine Canyon	9	11	6S	69E	6200	1/30	0	0	4.2	7.1	2	5.7
TAHOE												
Upper Truckee (Cal.)	7	21	12N	18E	6400	2/2	15.2	5.5	No Surveys		4	7.3
Tahoe City (Cal.)	8	6	15N	17E	6250	2/3	15.5	5.7	15.6	17.7	17	9.1
Richardsons #2 (Cal.)	11	6	12N	18E	6500	2/2	22.8	7.2	No Surveys			
Echo Summit (Cal.)	12	6	11N	18E	7500	2/1	52.1	18.2	29.3	19.5	9	23.0
Marlette Lake	13	13	15N	18E	8000	2/1	27.2	7.9	17.8	12.4	12	14.7
Daggetts Pass	14	19	13N	19E	7300	2/2	14.9	5.1	No Surveys		5	10.0

NEVADA SNOW SURVEYS FEBRUARY 1, 1951

DRAINAGE BASIN and SNOW COURSE	LOCATION Number	Sec.	Twp.	Rge.	Elev.	Date of Survey	Snow Depth (inches)	SNOW COVER MEASUREMENTS Water Content (inches) 1951	Same Approx. Date 1950	Same Approx. Date 1949	Past Record Years of Record	Past Record Av. Water Content (inches)
TRUCKEE												
Donner Summit (Cal.)	4	25	17N	14E	6900	1/26	45.4	15.8	26.5	20.2	29	22.1
Furnace Flat (Cal.)	12	10	17N	13E	6600	1/25	52.4	18.6	31.0	21.5	25	25.7
Fordyce Lake (Cal.)	13	34	18N	13E	6500	1/25	53.3	17.9	26.9	24.3	24	21.7
Soda Springs (Cal.)	14	23	17N	14E	6750	1/26	42.6	14.3	25.6	15.0	21	20.6
Truckee Ranger Station (Cal)	17	10	17N	16E	6000	1/31	19.1	5.3	11.6	No	Surveys	
CARSON & WALKER												
Carson Pass (Cal.)	1	22	10N	18E	8600	2/1	46.8	17.3	28.1	17.7	20	21.1
Tioga Pass (Cal.)	8	30	1N	25E	9900	2/5	60.1	22.0	17.0	No	Surveys	

NEVADA COOPERATIVE SNOW SURVEYS

Agencies Cooperating in Collecting Data Contained in this Bulletin.

FEDERAL

- Soil Conservation Service
- Forest Service
- Geological Survey
- Bureau of Reclamation
- Fish and Wildlife Service

STATE

- Nevada State Engineer
- Nevada Agricultural Experiment Station
- Colorado River Commission of Nevada
- California Cooperative Snow Surveys
- California Division of Water Resources
- Oregon Cooperative Snow Surveys

MUNICIPAL

- City of Ely, Nevada

PUBLIC AGENCIES

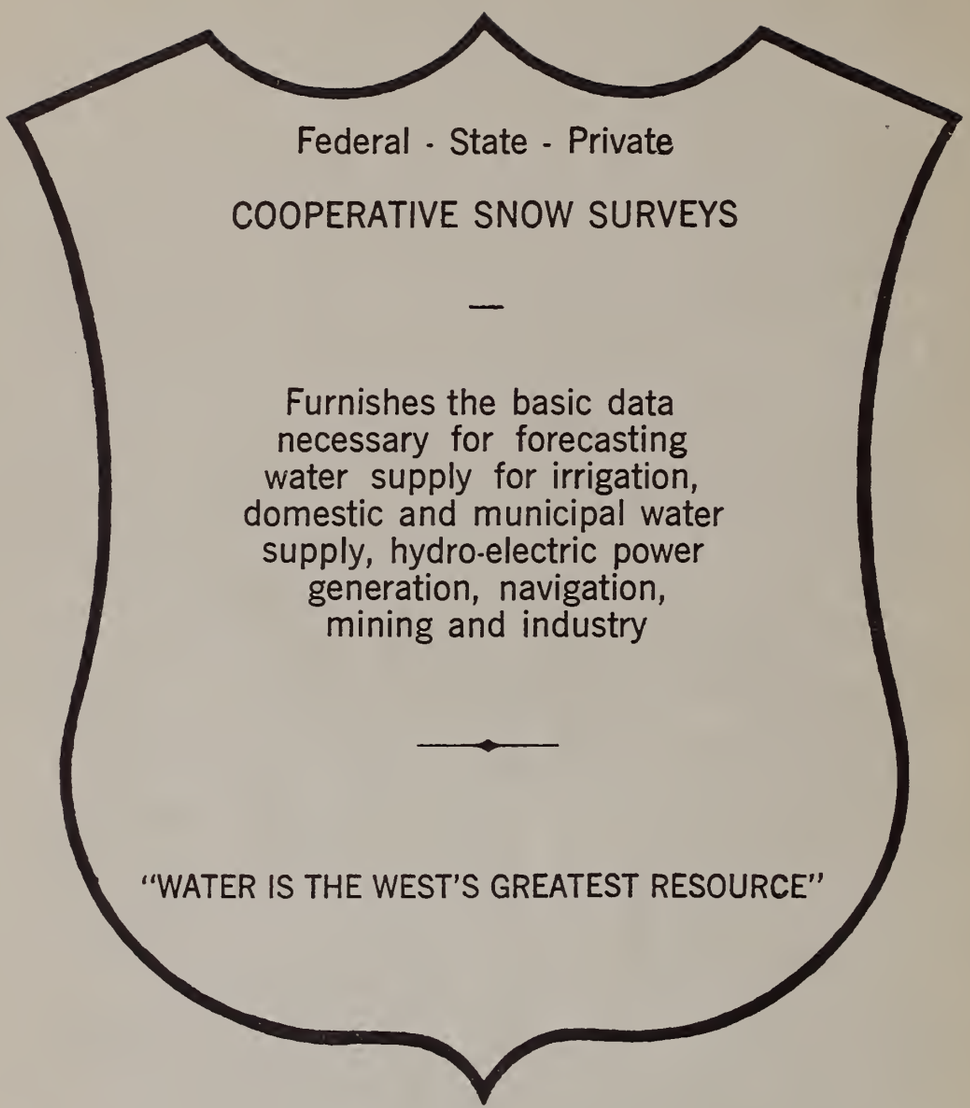
- Truckee-Carson Irrigation District
- Washoe County Water Conservation District
- Walker River Irrigation District
- Owyhee Irrigation District

PRIVATE UTILITIES

- Sierra Pacific Power Company
- Virginia City Water Company

PRIVATE ORGANIZATIONS

- Amalgamated Sugar Company
- Kennecott Copper Corp.
- Union Pacific Railroad


Federal - State - Private
COOPERATIVE SNOW SURVEYS
Furnishes the basic data necessary for forecasting water supply for irrigation, domestic and municipal water supply, hydro-electric power generation, navigation, mining and industry
"WATER IS THE WEST'S GREATEST RESOURCE"